

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109415.D
 Acq On : 28 Sep 2018 5:17
 Operator : JU/SJ
 Sample : J5076-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-D-S

Quant Time: Sep 28 07:09:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106232	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	400422	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	175926	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	277626	20.00	ng	0.00
75) Chrysene-d12	13.84	240	253433	20.00	ng	0.00
86) Perylene-d12	15.24	264	187319	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	252966	39.22	ng	0.00
7) Phenol-d6	6.34	99	204862	24.89	ng	-0.02
23) Nitrobenzene-d5	7.27	82	671174	98.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	141637	81.67	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1110460	95.20	ng	0.00
78) Terphenyl-d14	12.80	244	942935	91.31	ng	0.00

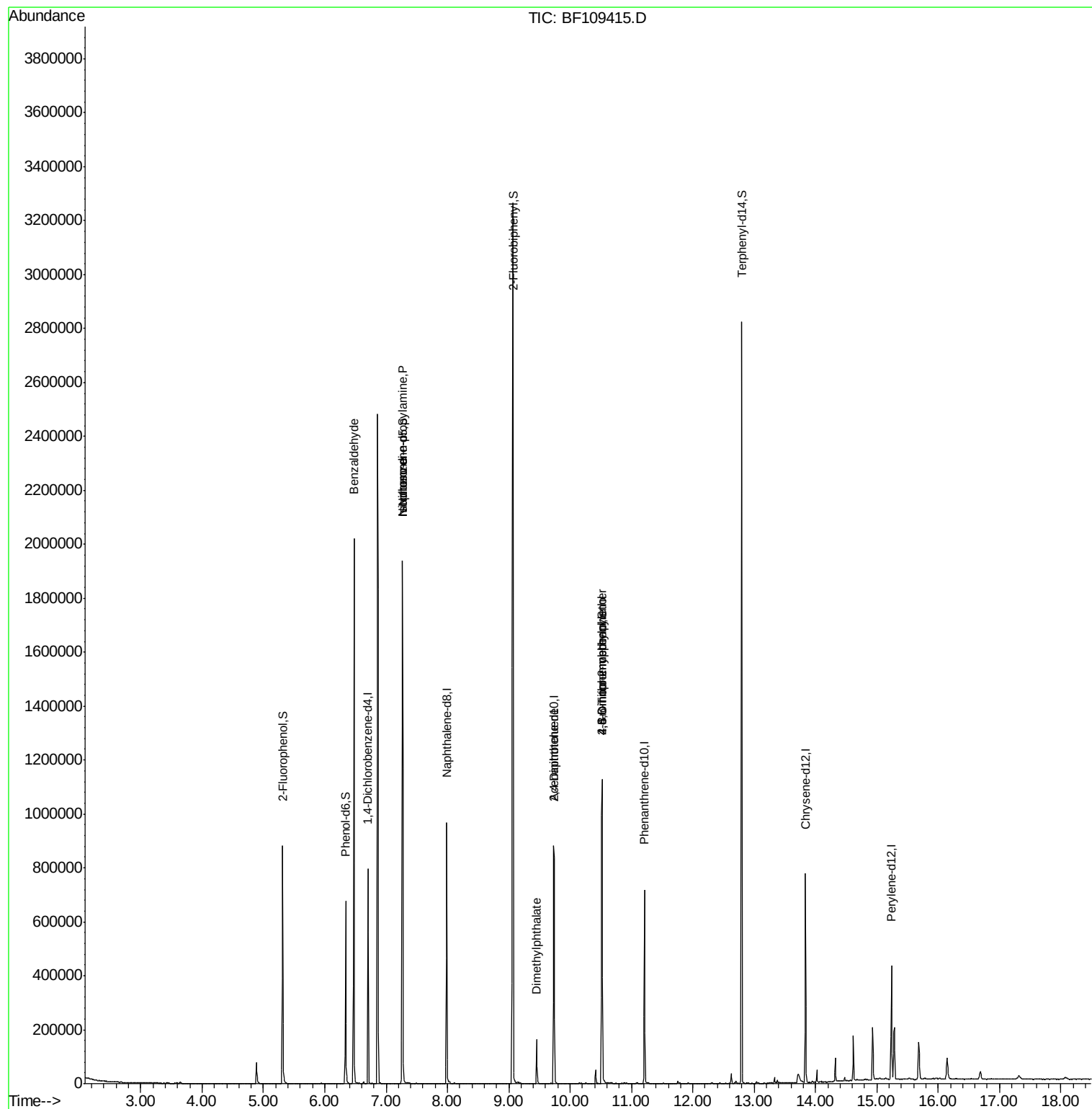
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	11200	2.118	ng	# 78
19) n-Nitroso-di-n-propylamine	7.27	70	90753	16.829	ng	# 77
25) Isophorone	7.27	82	644895	52.796	ng	# 64
49) Dimethylphthalate	9.46	163	72974	5.703	ng	# 98
56) 2,4-Dinitrotoluene	9.73	165	22158	6.910	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	121	6.614	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8450	2.741	ng	# 1

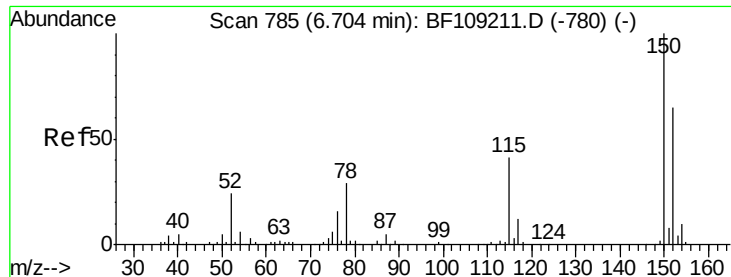
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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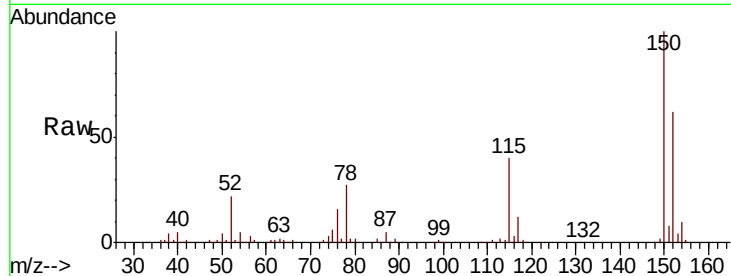


#1

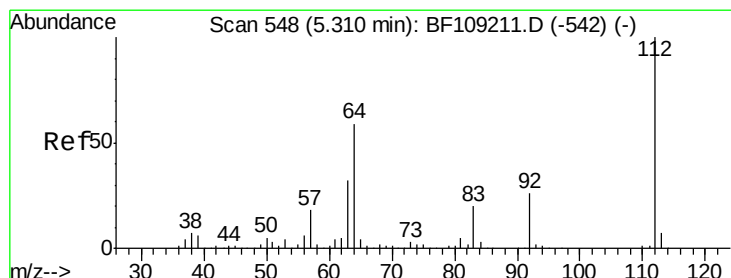
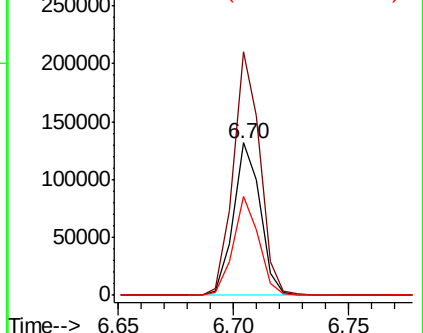
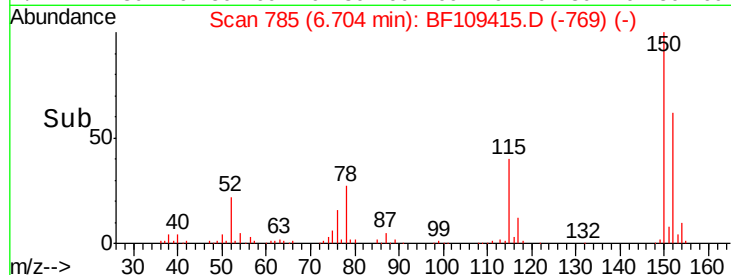
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109415.D
 Acq: 28 Sep 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-D-S

Tgt Ion:152 Resp: 106232
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.6 186.8
 115 64.7 50.1 75.1



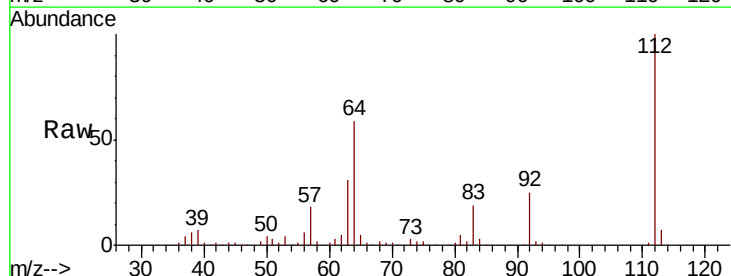
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



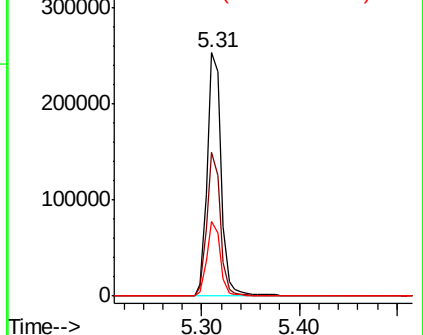
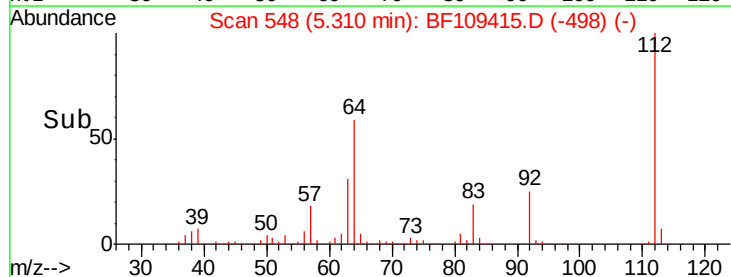
#5

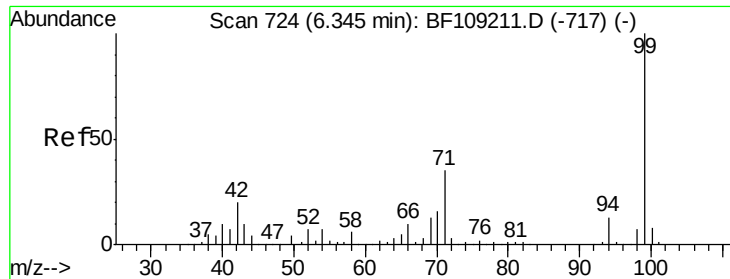
2-Fluorophenol
 Concen: 39.221 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109415.D
 Acq: 28 Sep 2018 5:17

Tgt Ion:112 Resp: 252966
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.892 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109415.D

Acq: 28 Sep 2018 5:17

Instrument :

BNA_F

ClientSampleId :

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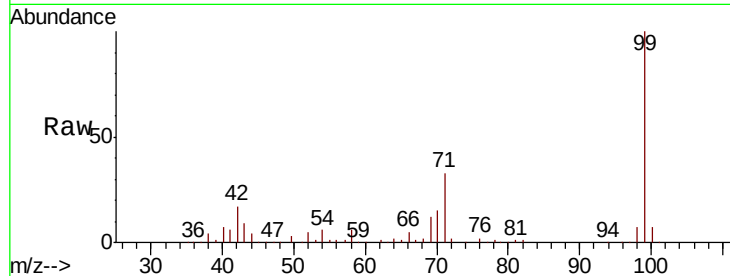
Tgt Ion: 99 Resp: 204862

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

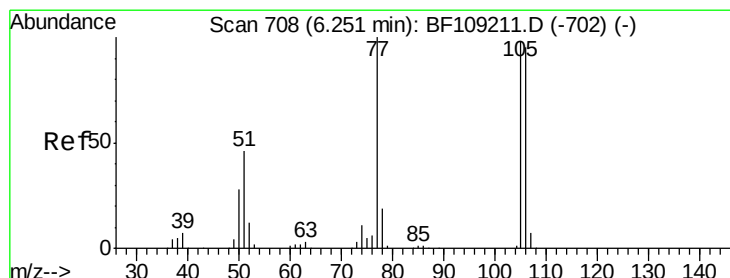
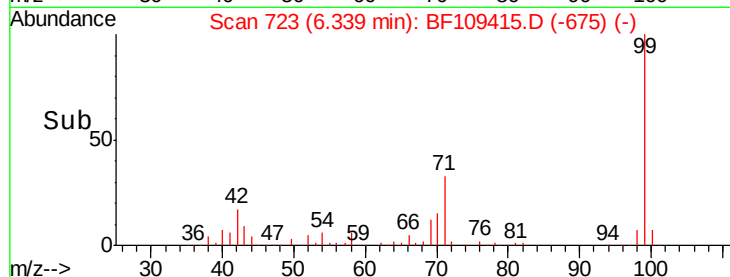
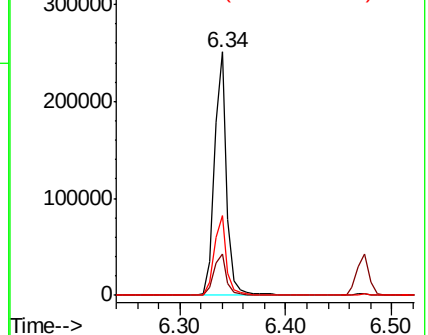
71 33.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.118 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109415.D

Acq: 28 Sep 2018 5:17

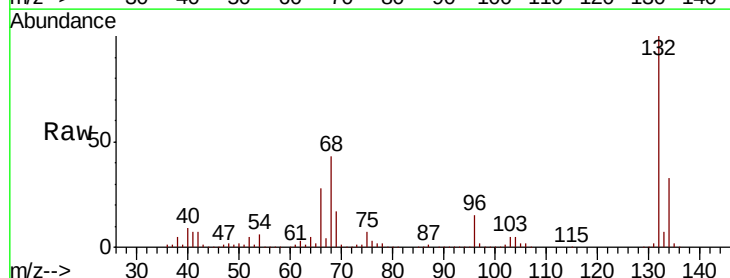
Tgt Ion: 77 Resp: 11200

Ion Ratio Lower Upper

77 100

105 83.8 81.1 121.1

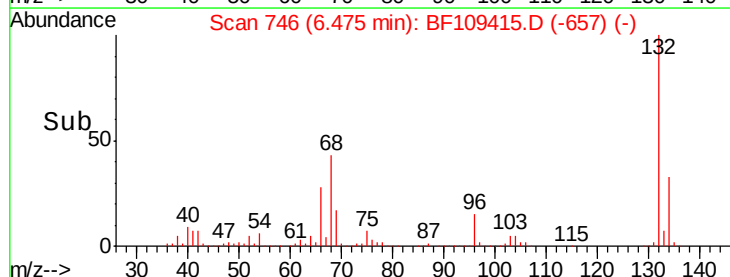
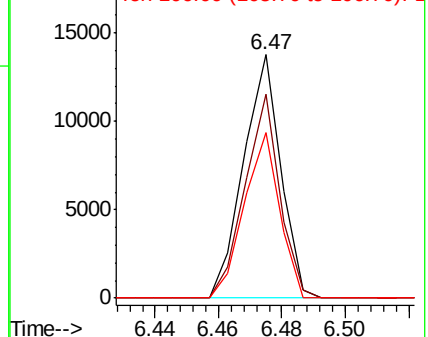
106 68.1 74.5 114.5#

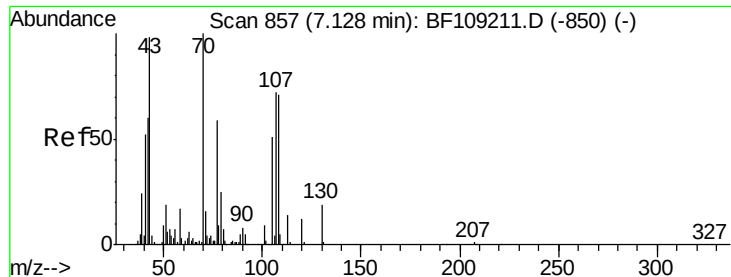


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

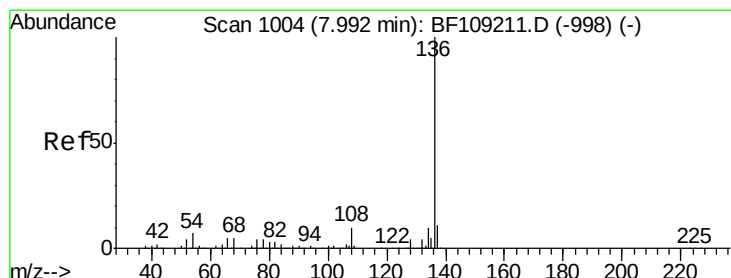
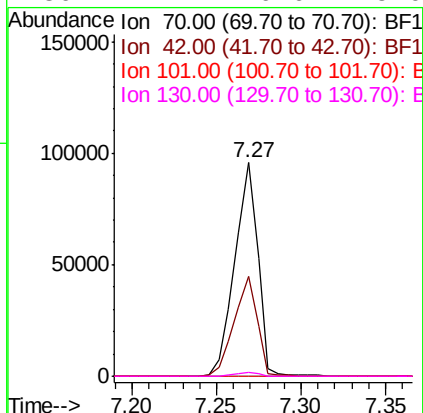
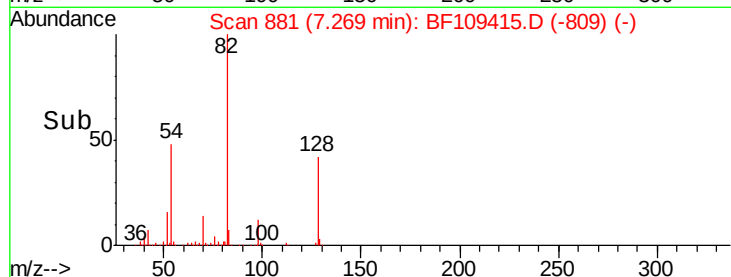
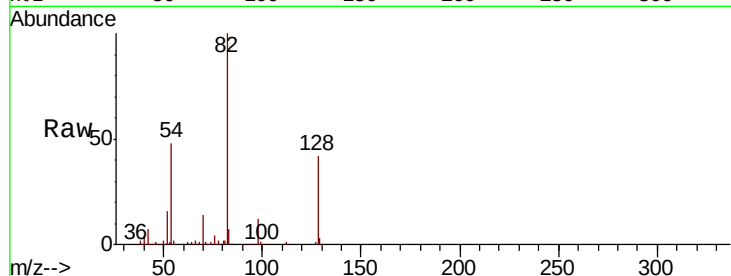




#19
n-Nitroso-di-n-propylamine
Concen: 16.829 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109415.D
Acq: 28 Sep 2018 5:17

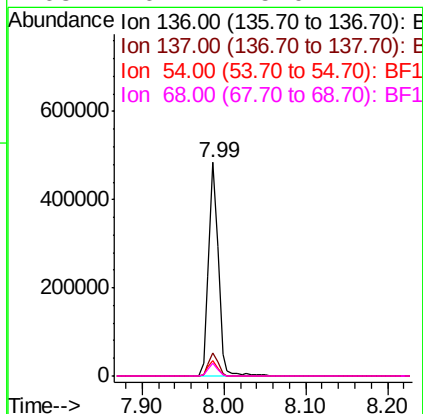
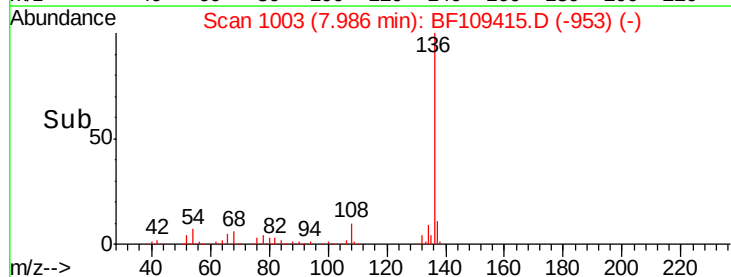
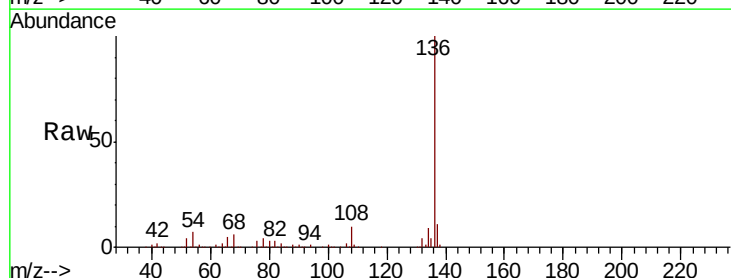
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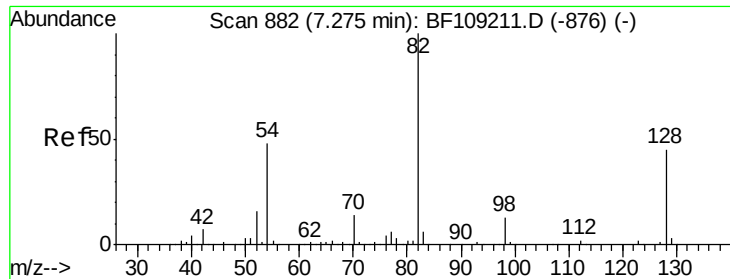
Tgt Ion: 70 Resp: 90753
Ion Ratio Lower Upper
70 100
42 46.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109415.D
Acq: 28 Sep 2018 5:17

Tgt Ion: 136 Resp: 400422
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.3 6.6 9.8
68 6.2 5.0 7.4

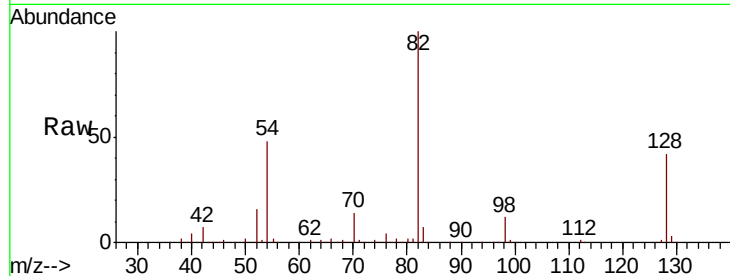




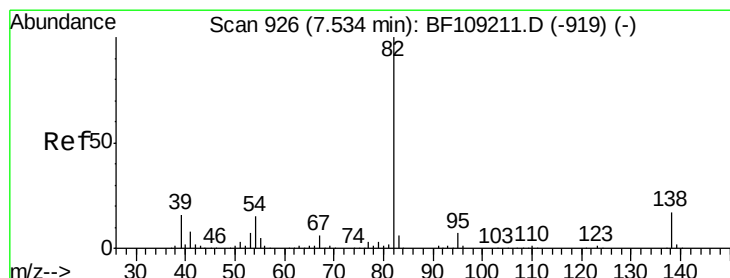
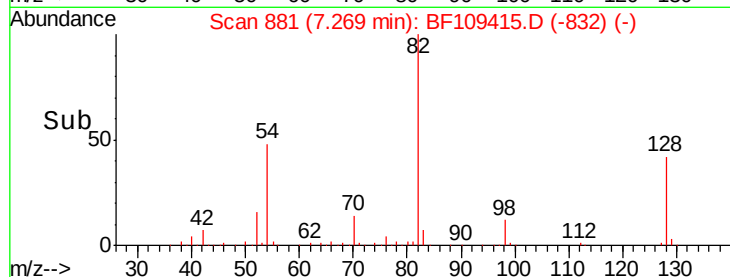
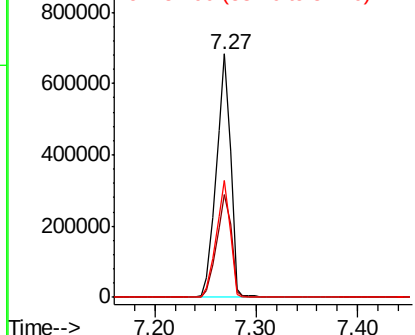
#23
 Nitrobenzene-d5
 Concen: 98.947 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109415.D
 Acq: 28 Sep 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-D-S

Tgt Ion: 82 Resp: 671174
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.1 54.1
 54 47.9 41.4 62.2

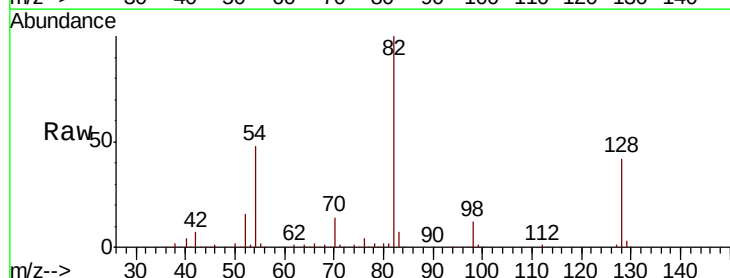


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

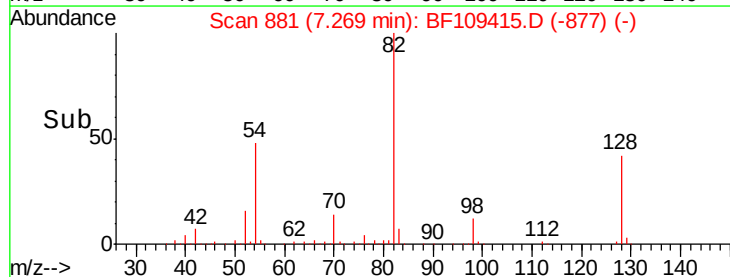
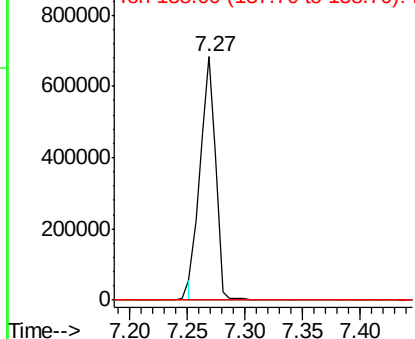


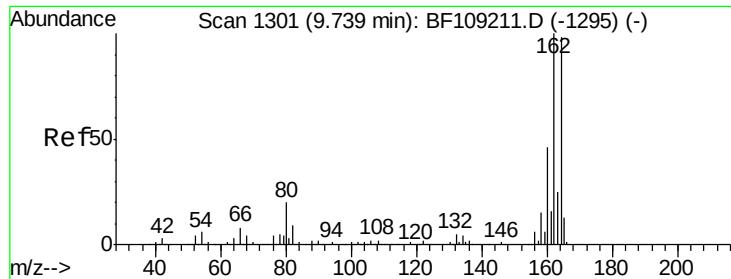
#25
 Isophorone
 Concen: 52.796 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109415.D
 Acq: 28 Sep 2018 5:17

Tgt Ion: 82 Resp: 644895
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

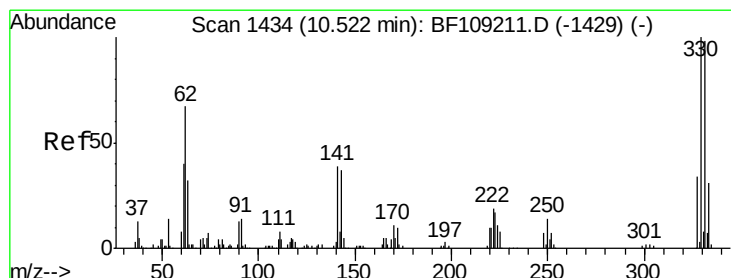
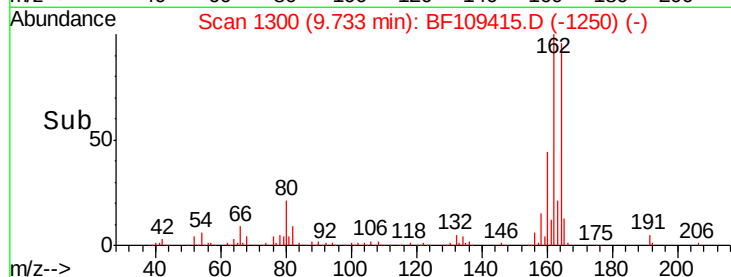
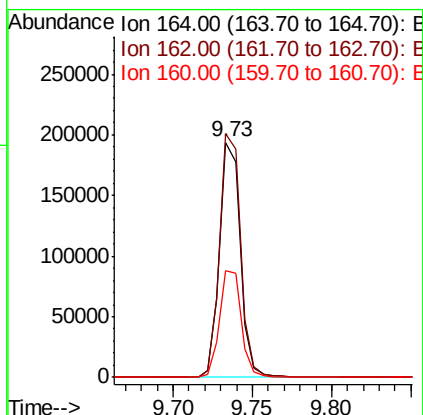
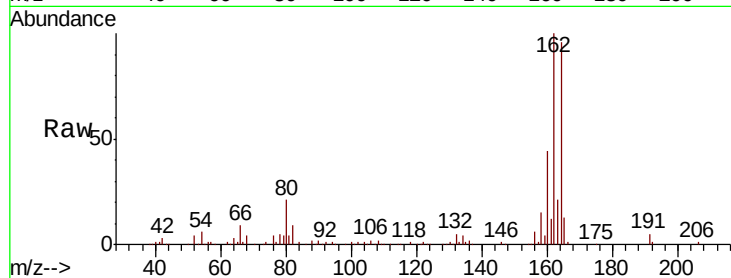




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109415.D
 Acq: 28 Sep 2018 5:17

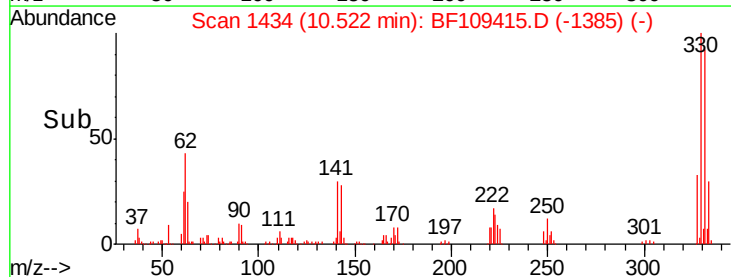
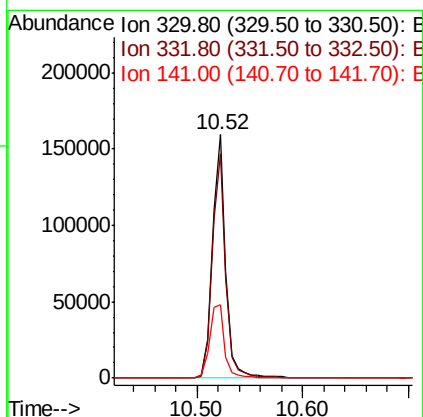
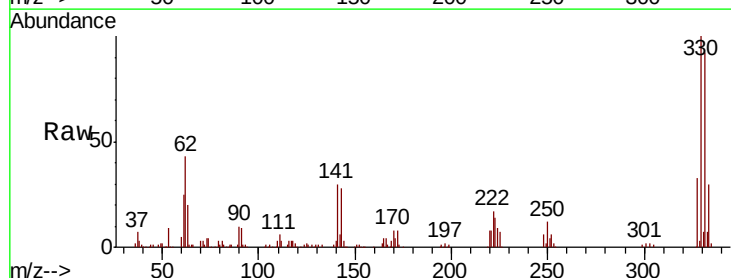
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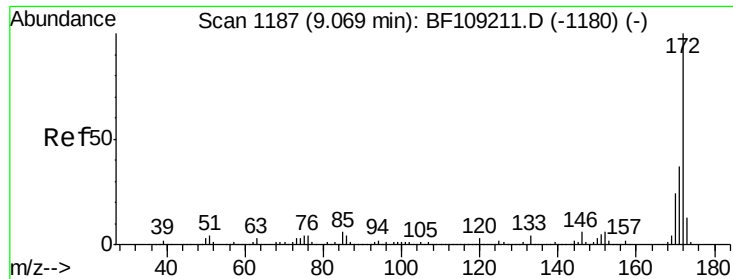
Tgt Ion:164 Resp: 175926
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 81.670 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109415.D
 Acq: 28 Sep 2018 5:17

Tgt Ion:330 Resp: 141637
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.0 115.6
 141 33.3 29.9 44.9

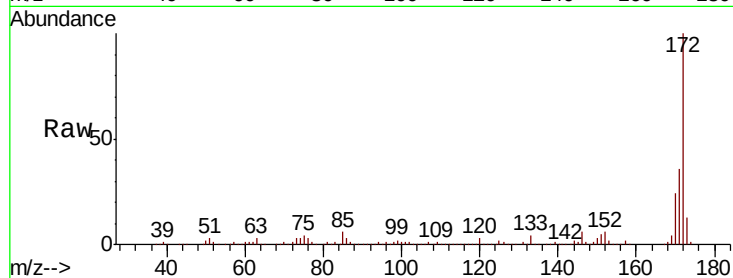




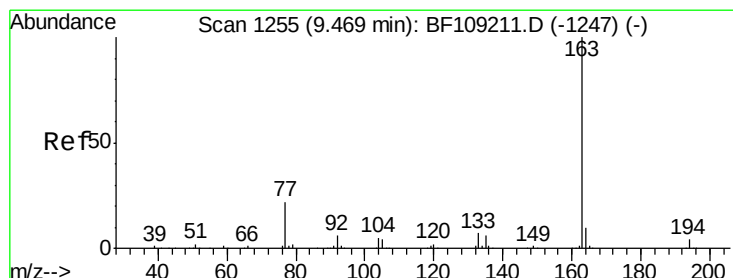
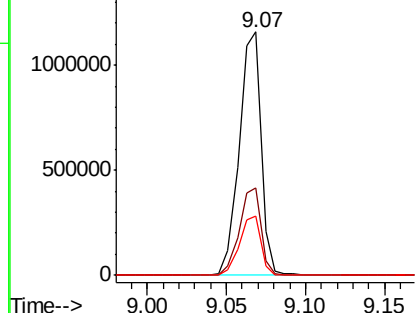
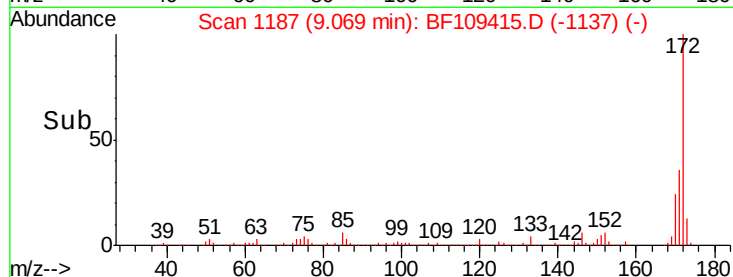
#44
2-Fluorobiphenyl
Concen: 95.198 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109415.D
Acq: 28 Sep 2018 5:17

Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 1110460
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.4 19.6 29.4

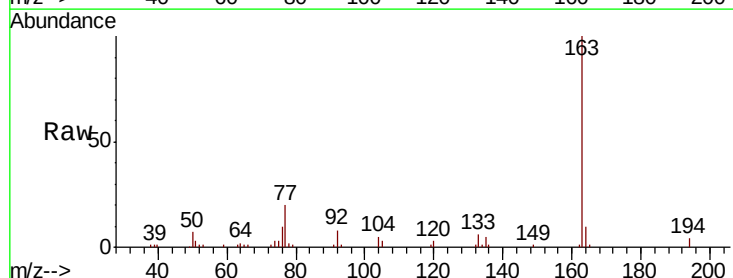


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

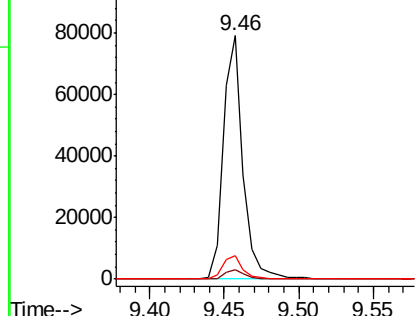
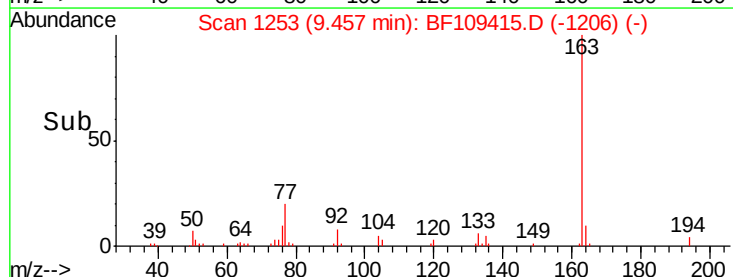


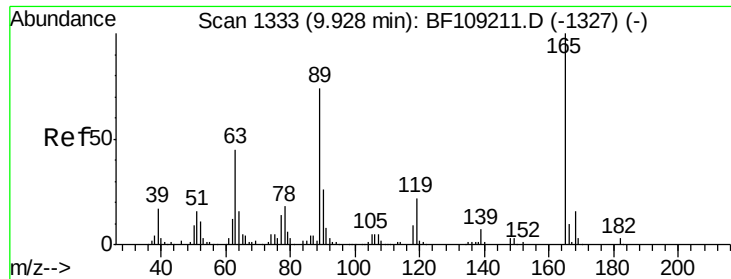
#49
Dimethylphthalate
Concen: 5.703 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109415.D
Acq: 28 Sep 2018 5:17

Tgt Ion:163 Resp: 72974
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

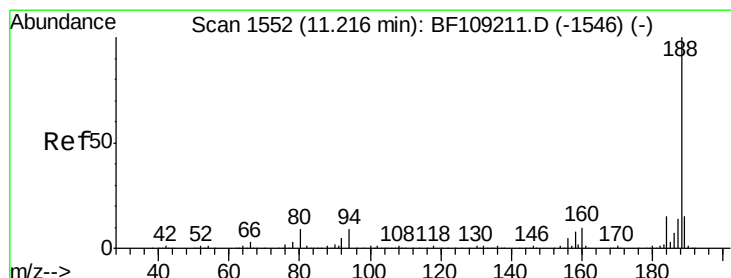
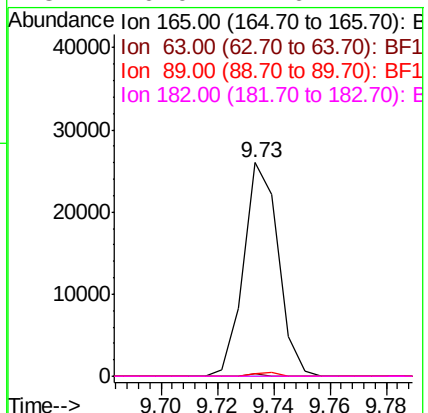
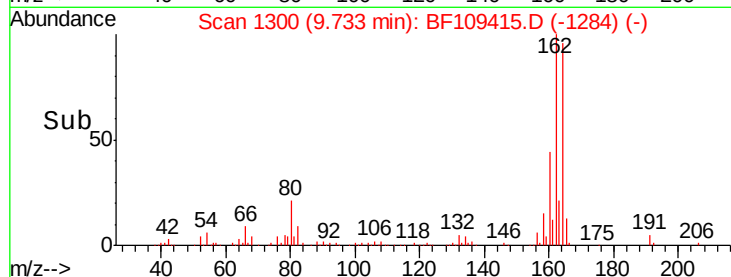
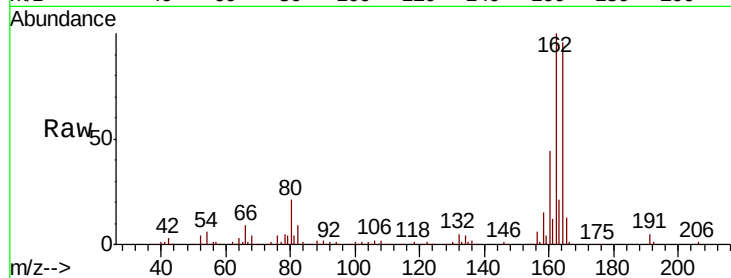




#56
 2,4-Dinitrotoluene
 Concen: 6.910 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109415.D
 Acq: 28 Sep 2018 5:17

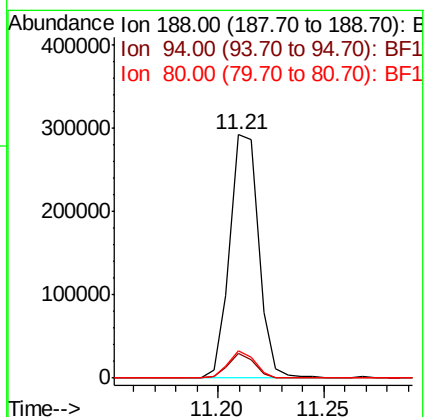
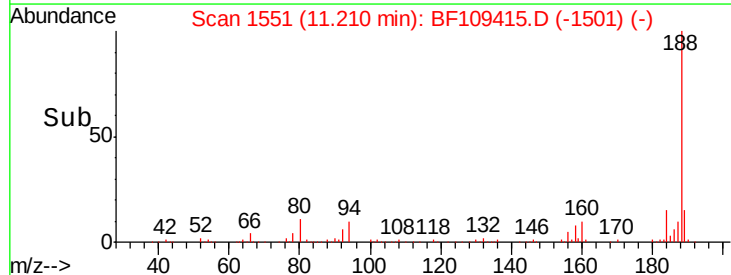
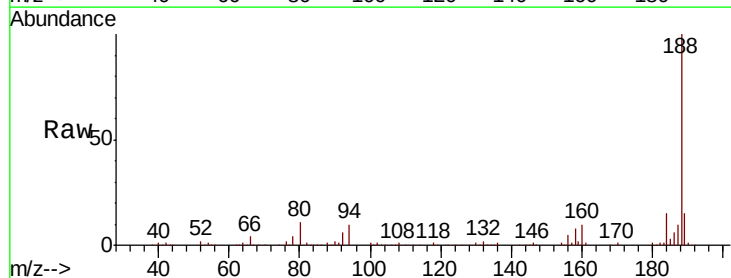
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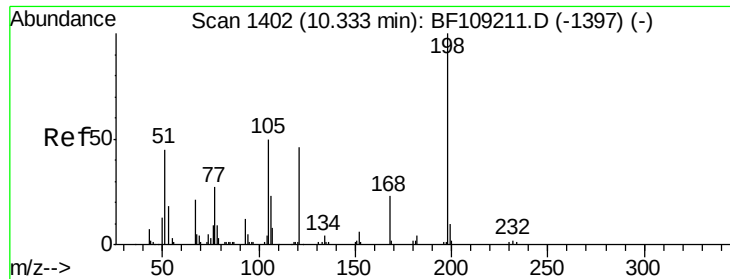
Tgt Ion:	165	Resp:	22158
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109415.D
 Acq: 28 Sep 2018 5:17

Tgt Ion:	188	Resp:	277626
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.1	9.2	13.8

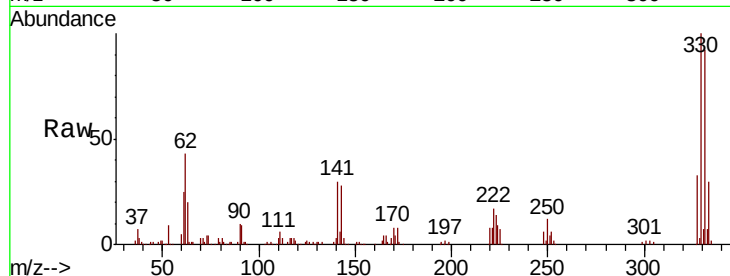




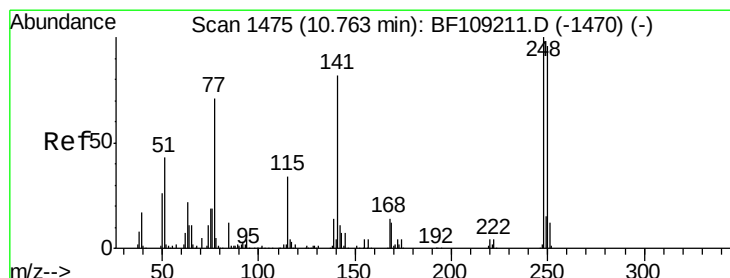
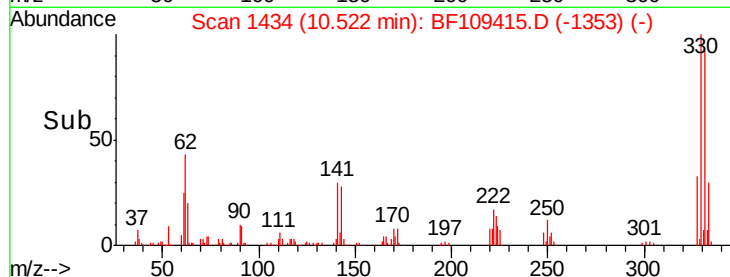
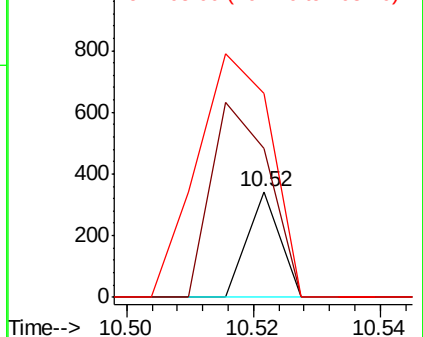
#64
4,6-Dinitro-2-methylphenol
Concen: 6.614 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109415.D
Acq: 28 Sep 2018 5:17

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-D-S

Tgt Ion:198 Resp: 121
Ion Ratio Lower Upper
198 100
51 140.5 37.7 77.7#
105 192.1 36.3 76.3#

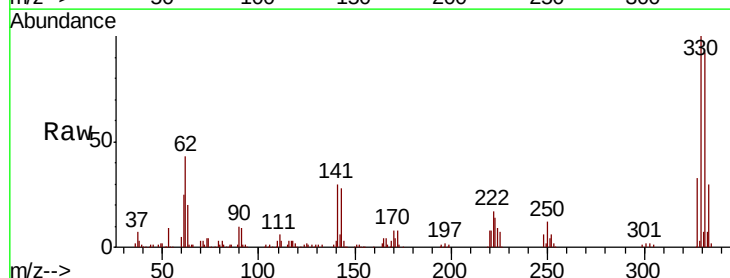


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

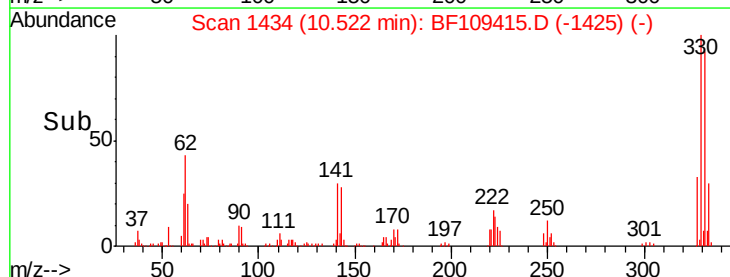
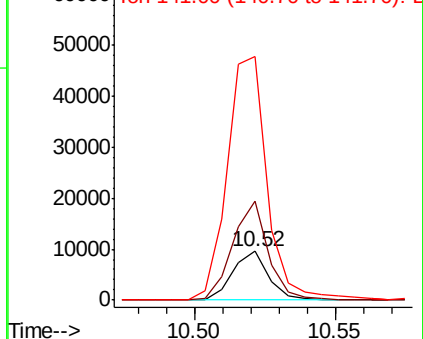


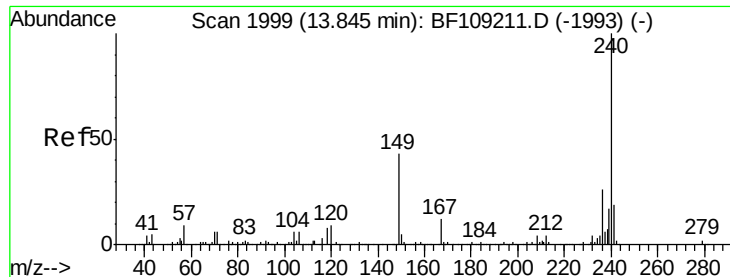
#66
4-Bromophenyl-phenylether
Concen: 2.741 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109415.D
Acq: 28 Sep 2018 5:17

Tgt Ion:248 Resp: 8450
Ion Ratio Lower Upper
248 100
250 202.1 76.9 115.3#
141 497.5 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109415.D

Acq: 28 Sep 2018 5:17

Instrument :

BNA_F

ClientSampleId :

092418-TIPC-F-D-S

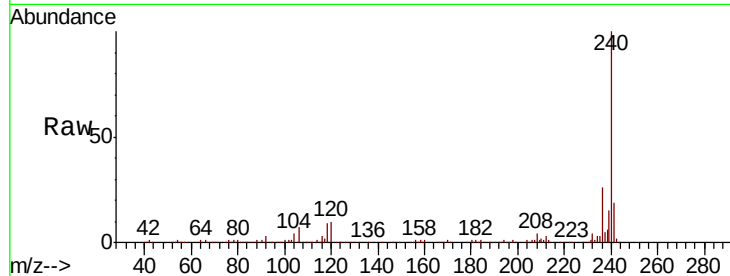
Tgt Ion:240 Resp: 253433

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

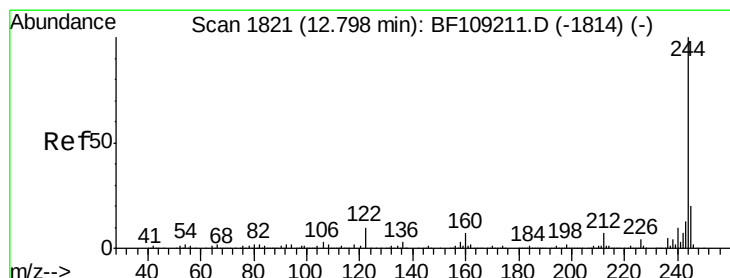
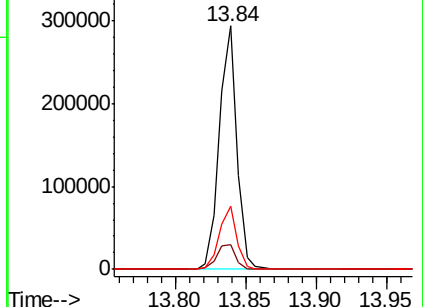
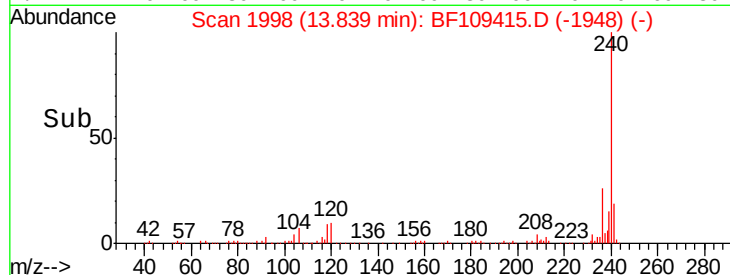
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 91.311 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109415.D

Acq: 28 Sep 2018 5:17

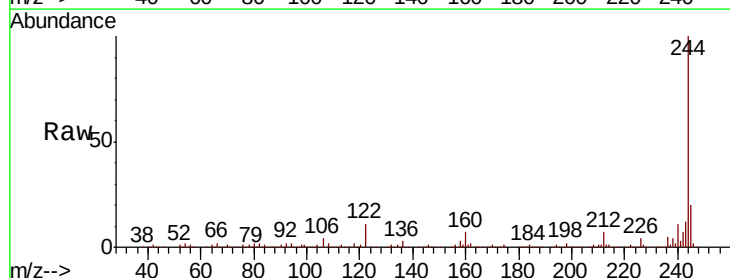
Tgt Ion:244 Resp: 942935

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

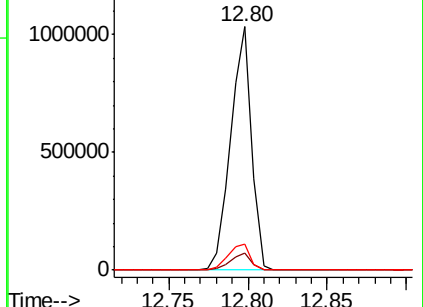
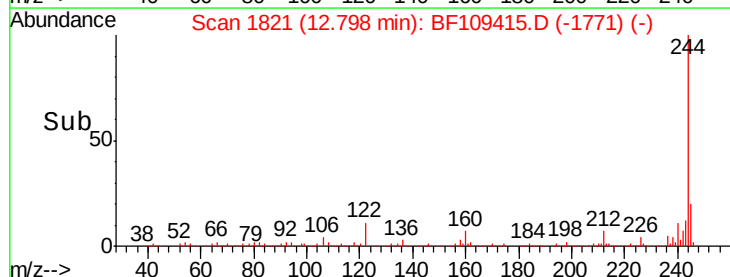
122 10.9 11.0 16.4#

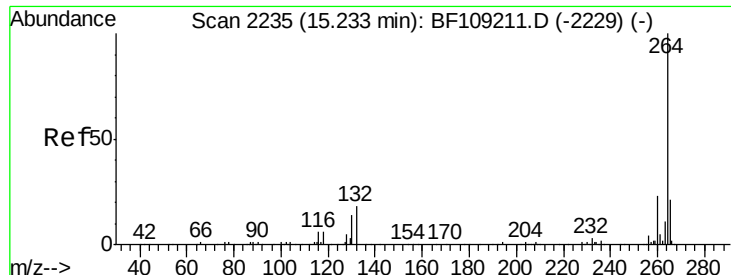


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109415.D
Acq: 28 Sep 2018 5:17

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-D-S

Tgt Ion:	264	Resp:	187319
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.1	17.5	26.3

